Chicago Safe Routes to High School (SRHS)

Amundsen High School
Recommended Improvements

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Presentation Outline

- Goals
- Related Programs
- Project Location/Area
- Existing Conditions
- Improvement Types
- Proposed Plan
- Project Schedule
- Next Steps

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Chicago Safe Routes to High School

Goals

- Promote walking and biking to school
- Increase safety for school children
- Raise safety awareness among drivers
- Improve pedestrian, bicycle and traffic designs
- Decrease vehicular speed
- Engage the community in support of pedestrian safety
- Use engineering, education, and enforcement

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Chicago Safe Routes to High School

Related Programs

- CDOT
  - *Chicago Pedestrian Plan*
  - *Chicago Forward Agenda*
  - *Complete Streets Design Guidelines*
  - Child Safety Zones
  - Walk to Transit
  - Aldermanic Menu Program
  - Sidewalk-RCMA Program - ADA ramps
  - Traffic Signal Program
  - Arterial Street Resurfacing
  - Streetscapes
- IDOT
  - Congest Mitigation and Air Quality (CMAQ) Improvement Funding

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Streets for Cycling 2020

Legend

Neighborhood Bike Route (310 Miles)

Shorter routes that utilize neighborhood streets to connect Crosstown Bikeways and provide access to local destinations, such as parks, schools, transit, and neighborhood retail, as well as residential areas. Many of these streets are already conducive to bicycling so the amount of new infrastructure required will vary from block to block.

Crosstown Bike Route (275 Miles)

Long, continuous routes on commercial streets that connect neighborhoods, major destinations and local bikeways. The majority of the protected bike lanes in Chicago will be located along Crosstown Bike Routes.

Spoke Route (60 Miles)

Chicago's most direct routes in and out of the downtown area for bicyclists. These streets will be reimagined over the next eight years to provide bicyclists with the safest, quickest and most comfortable accommodations possible.

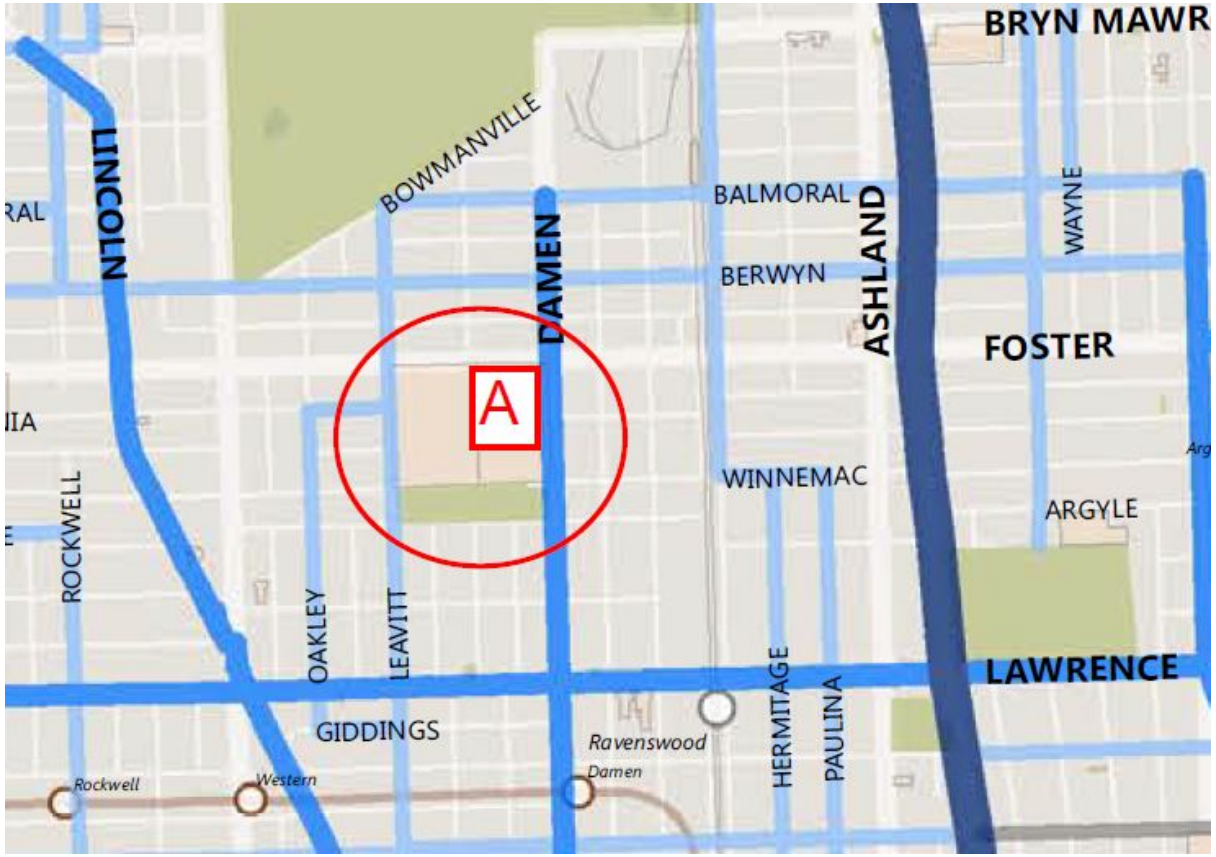
Existing Bike Lane or Marked Shared Lane

Existing Off-Street Trail

Proposed Off-Street Trail

Open Space/Cemetery

College Campus/School Grounds



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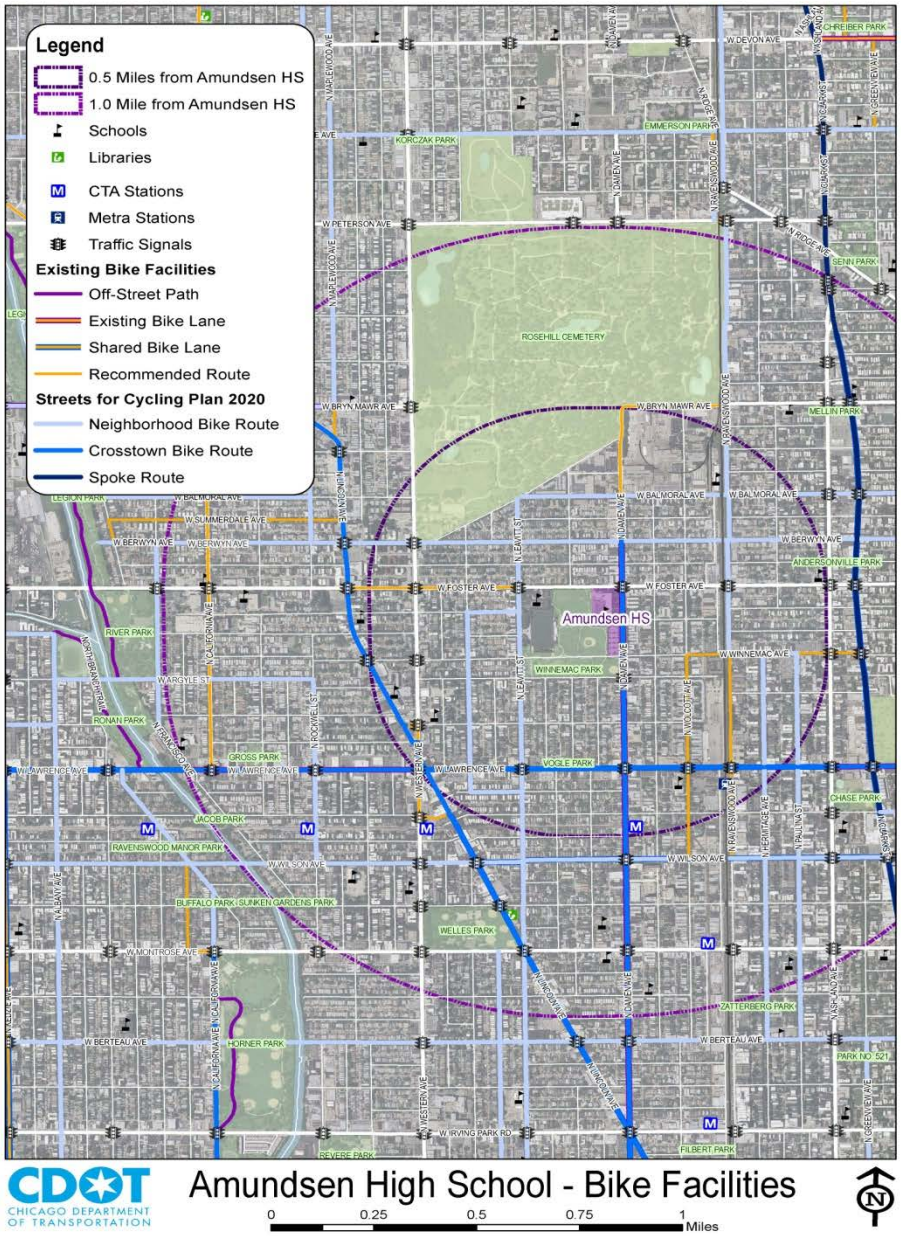
Project Area

- Evaluated at ½ mile distance for pedestrian walking considerations
- Evaluated at 1 mile distance for biking considerations
- Try to improve safety especially on Arterial and Collector Streets



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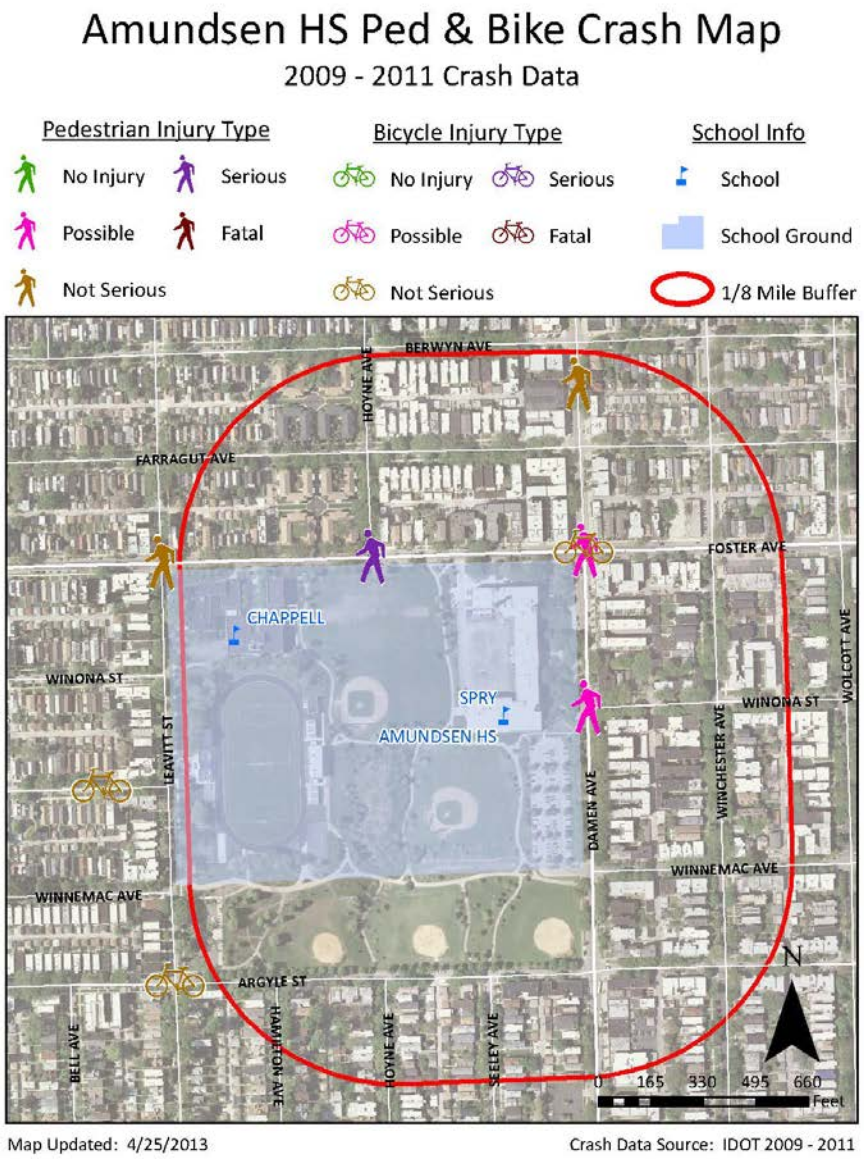
Background Selection

- 10 high schools and elementary schools selected around the city.
- The area around Amundsen had a higher frequency of pedestrian and bicycle crashes than areas around comparable schools.
- School administrators expressed an interest in participating in the program.



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Existing Conditions

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Improvement Types

Pedestrian Realm:

- Crosswalk improvements
- Sidewalk Improvements
- Bicycle Racks
- ADA Ramps (at selected locations)

Traffic Realm:

- Pedestrian Crossing Safety
- Driver Speed Feedback Signs
- Traffic Signal Improvements
  - Count-Down Pedestrian Heads
- Improved Signage
- Updated Pavement Markings

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Pedestrian Crossing Safety

Pedestrian Curb Bump Out

- Bump out will be added to the east side of Damen and Winona

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Parkway Trees

New Plantings:

- Tress will be part of bump out on the east side of Damen

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Traffic Signal Improvements

- Countdown Signals
  - 25% Injury Crash Reduction Factor
  - Discourages crossing without time for safe crossing
- At Damen and Argyle

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ADA Ramps

- Part of bump out crossing reduction

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Crosswalk Improvements

Typical crosswalk

High Visibility crosswalk

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Chicago Safe Routes to High School

Improved Signage

S1-1

W16-9P

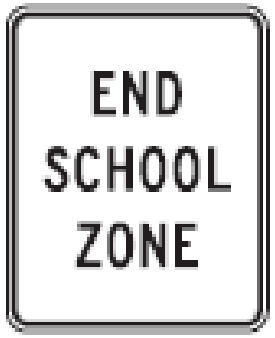
S1-1

W16-7P

School Speed Limit Assembly

S4-3P

R2-1



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Chicago Safe Routes to High School

Pavement Markings

- Define Crosswalks and Stop Bars
- Increase Visibility
- Identify Enforcement Zone
- Reduce Parking Confusion
- Mark “Safety Zone”
- Encourage motorists to slow and watch for children

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Bicycle Racks

- Additional bike racks proposed on School Grounds
- New racks at Damen and Winona Bump out

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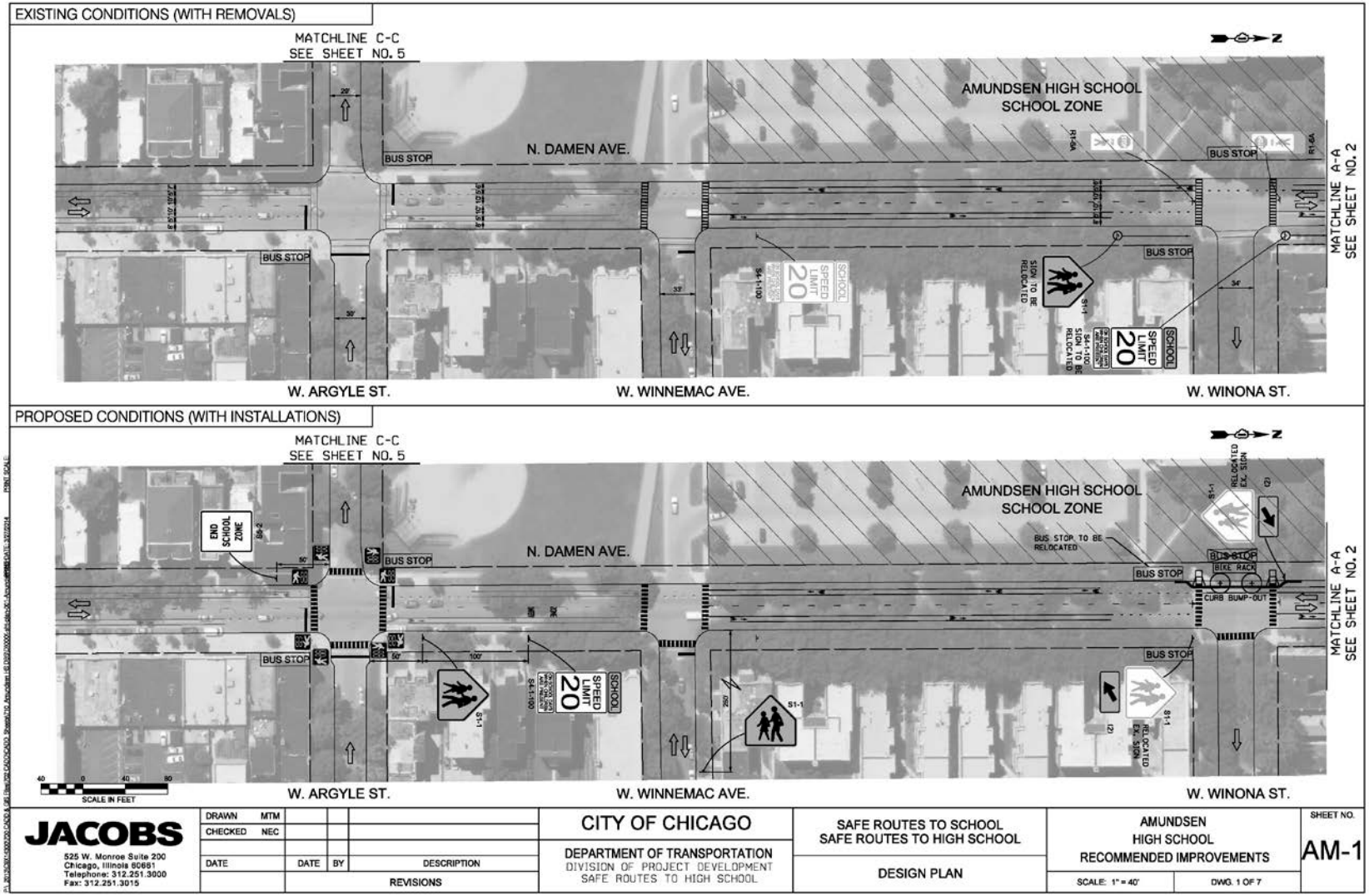

JACOBS 525 W. Monroe Suite 200 Chicago, Illinois 60661 Telephone: 312.251.3000 Fax: 312.251.3015	DRAWN MTM CHECKED NEC				CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION DIVISION OF PROJECT DEVELOPMENT SAFE ROUTES TO HIGH SCHOOL	SAFE ROUTES TO SCHOOL SAFE ROUTES TO HIGH SCHOOL DESIGN PLAN	AMUNDSEN HIGH SCHOOL RECOMMENDED IMPROVEMENTS SCALE: 1" = 40' DWG. 1 OF 7	SHEET NO. AM-1
	DATE	DATE	BY	DESCRIPTION REVISIONS				

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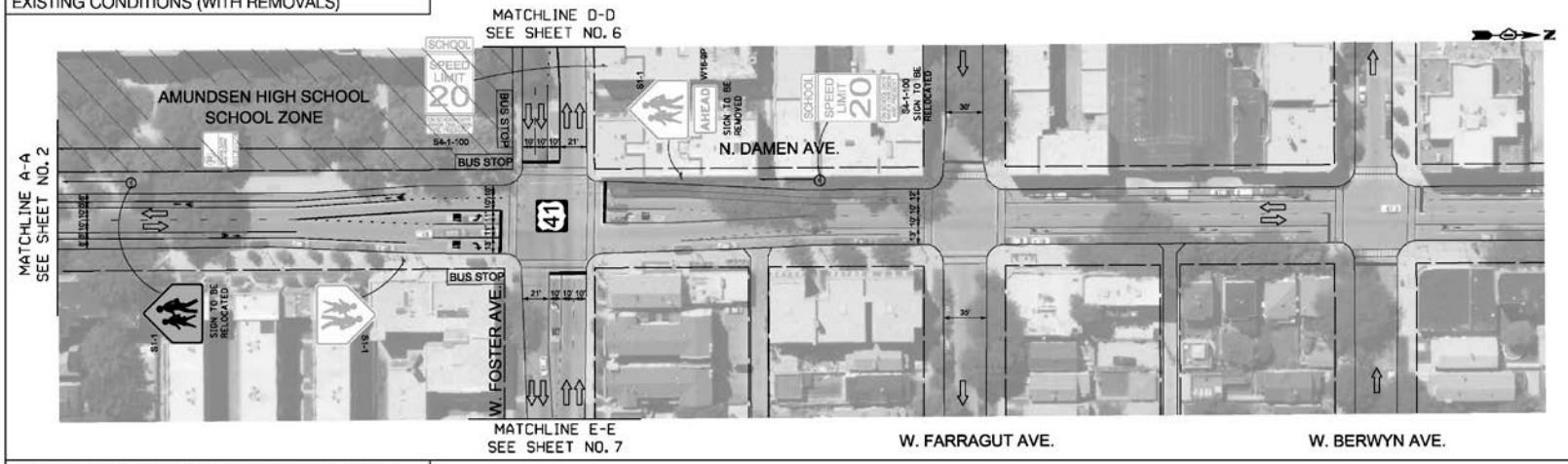
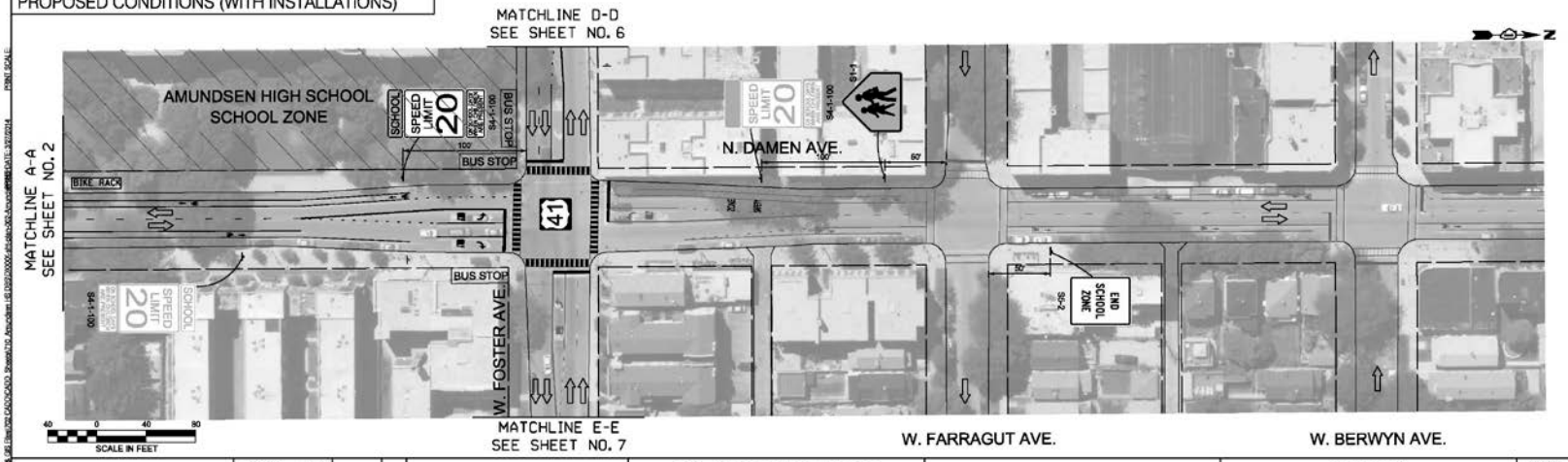
EXISTING CONDITIONS (WITH REMOVALS)



PROPOSED CONDITIONS (WITH INSTALLATIONS)



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DIVISION OF PROJECT DEVELOPMENT
SAFE ROUTES TO HIGH SCHOOL

SAFE ROUTES TO SCHOOL
SAFE ROUTES TO HIGH SCHOOL

DESIGN PLAN

AMUNDSEN
HIGH SCHOOL
RECOMMENDED IMPROVEMENTS

SCALE: 1" = 40'

DWG. 2 OF 7

SHEET NO.
AM-2

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EXISTING CONDITIONS (WITH REMOVALS)

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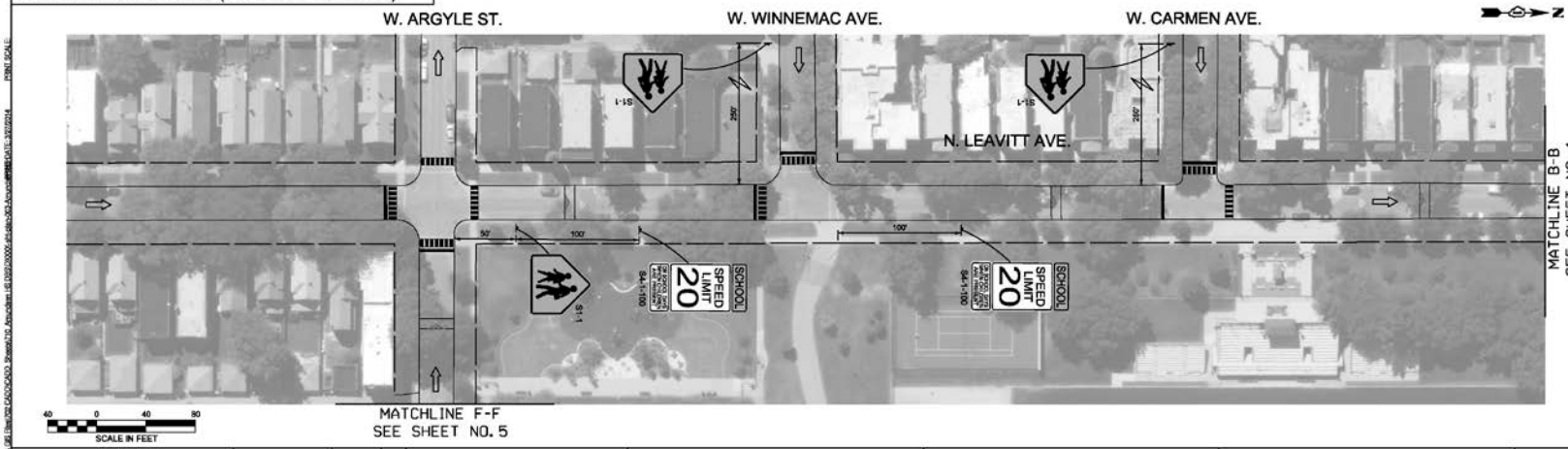

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	DATE	DATE	BY	DESCRIPTION REVISIONS				

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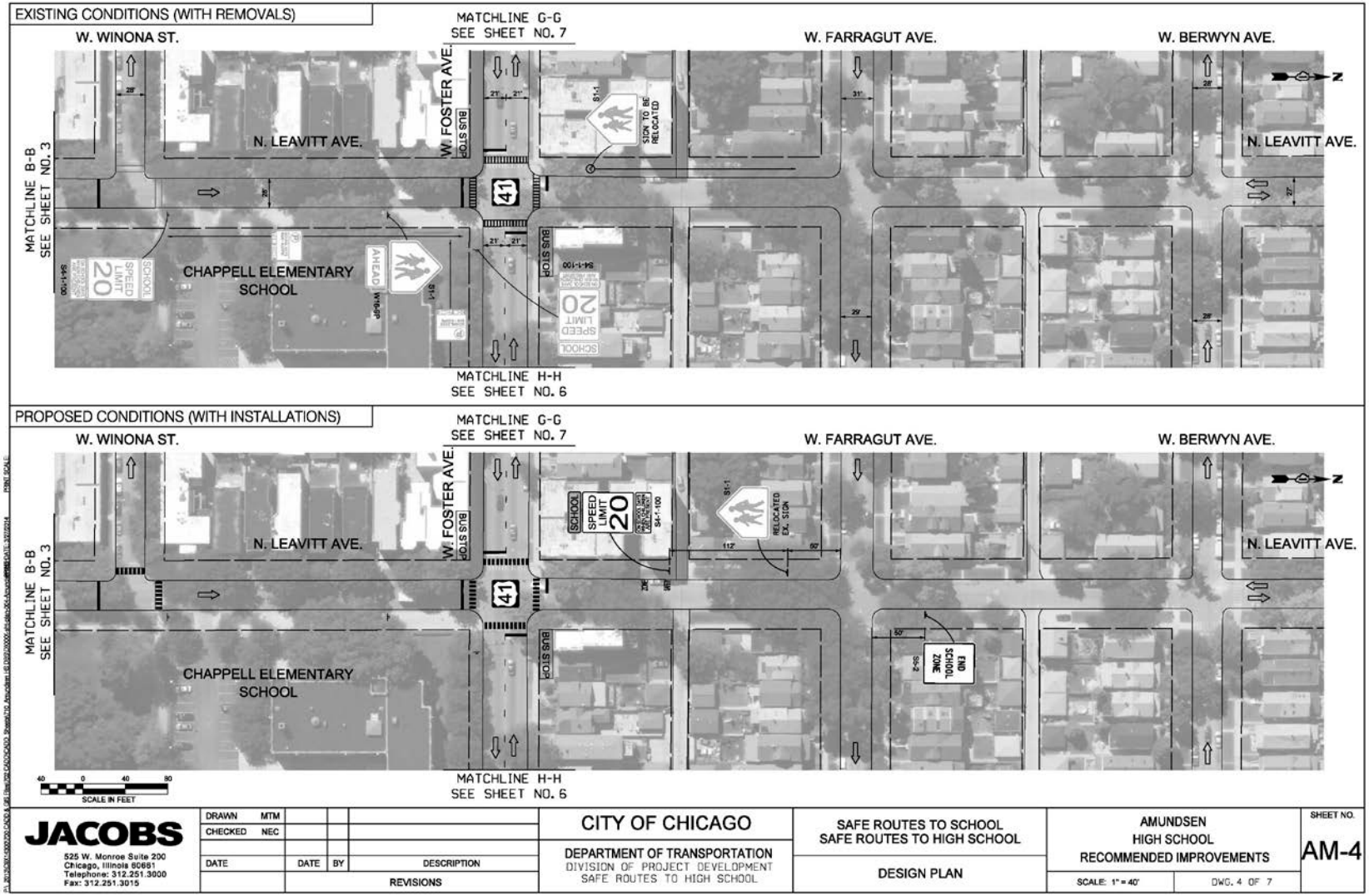

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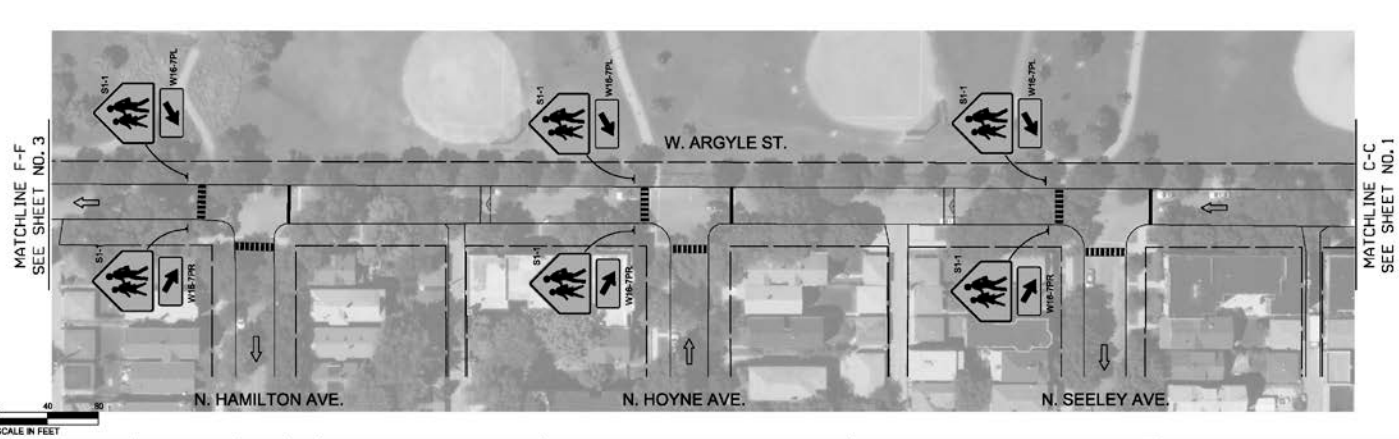
EXISTING CONDITIONS (WITH REMOVALS)

PROPOSED CONDITIONS (WITH INSTALLATIONS)



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CITY OF CHICAGO
DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT
SAFE ROUTES TO HIGH SCHOOL

SAFE ROUTES TO SCHOOL
SAFE ROUTES TO HIGH SCHOOL

DESIGN PLAN

AMUNDSEN
HIGH SCHOOL
RECOMMENDED IMPROVEMENTS

SCALE: 1" = 40' | DWG. 5 OF 7

SHEET NO.
AM-5

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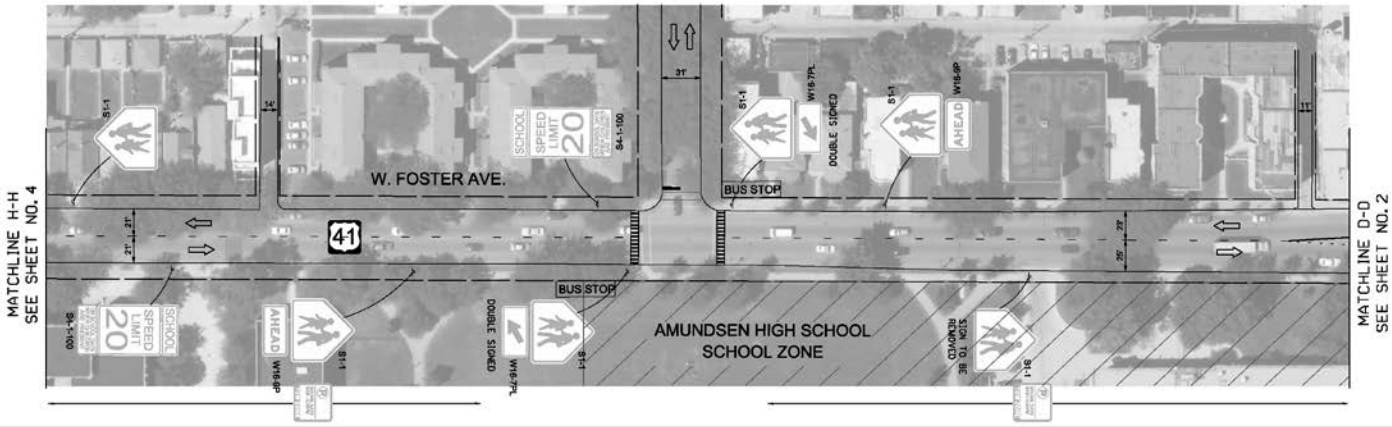
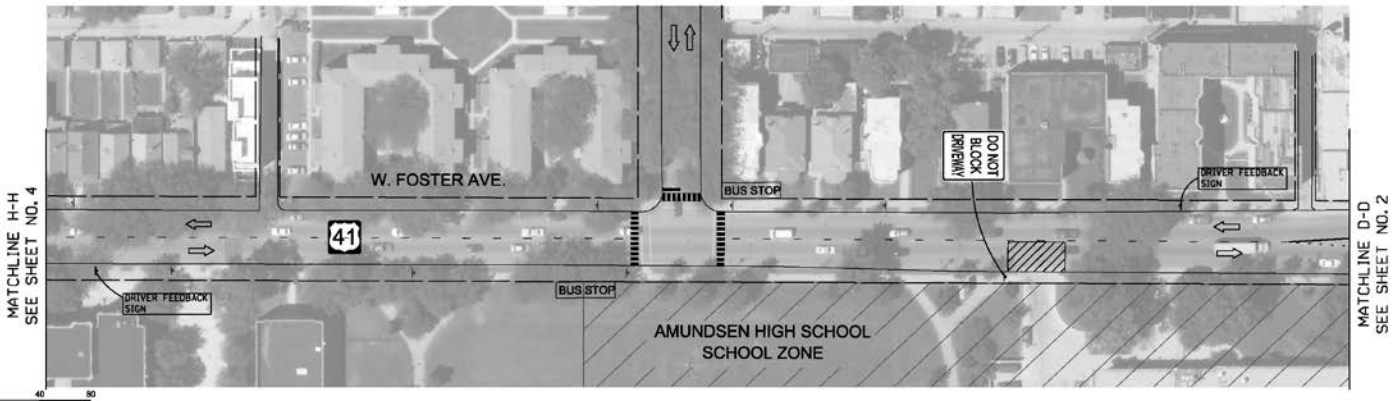
EXISTING CONDITIONS (WITH REMOVALS)



PROPOSED CONDITIONS (WITH INSTALLATIONS)



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SAFE ROUTES TO HIGH SCHOOL

SAFE ROUTES TO SCHOOL
SAFE ROUTES TO HIGH SCHOOL
DESIGN PLAN

AMUNDSEN
HIGH SCHOOL
RECOMMENDED IMPROVEMENTS
SCALE: 1" = 40'
DWG. 6 OF 7

SHEET NO.
AM-6

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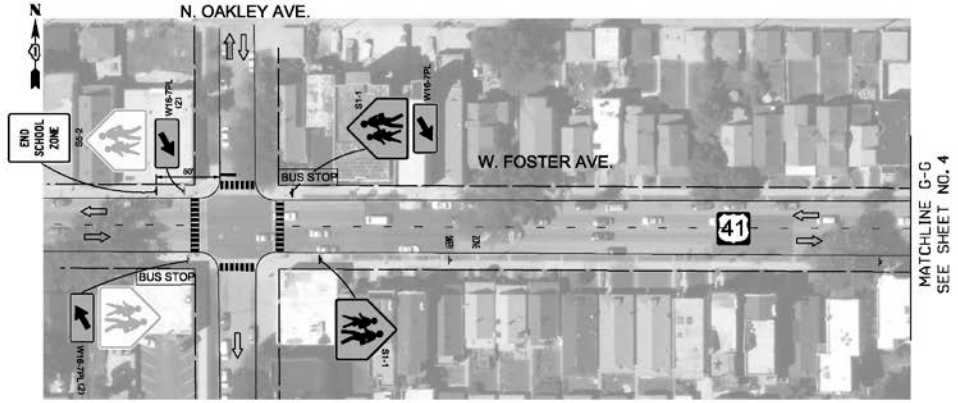
EXISTING CONDITIONS (WITH REMOVALS)

PROPOSED CONDITIONS (WITH INSTALLATIONS)



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SAFE ROUTES TO HIGH SCHOOL

SAFE ROUTES TO SCHOOL
SAFE ROUTES TO HIGH SCHOOL

DESIGN PLAN

AMUNDSEN
HIGH SCHOOL
RECOMMENDED IMPROVEMENTS

SCALE: 1" = 40'

DWG. 7 OF 7

SHEET NO.
AM-7

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Next Steps

- Community meetings
- Environmental review spring 2014
- Review data and implement changes and/or improvements
- Plan and Specification Preparation Summer 2014
- Construction and enhancements

Review Exhibits of Improvements Locations

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Please Provide Comments and Thank You

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